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Morbidity and Mortality

Weekly Report

Vol - 13) No

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U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

Prepared by the

COMMUNICABLE DISEASE CENTER

634-5131

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ATLANTA, GEORGIA 30333

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 12, 1964

ENCEPHALITIS

A total of 115 cases of primary encephalitis was reported for the week ended September 12. This brings to 2,139 the cumulative total recorded during 1964.

Of the cases reported during the past week, 53 were from Texas. The Houston epidemic has been waning since the peak incidence during the week ended August 29. An epidemiological report concerning the Houston outbreak is included in this issue.

Twenty cases were reported from Kansas. These cases are scattered in many counties and have been

occurring over the past month. No laboratory confirmation is available yet.

An outbreak of 30 suspect cases of St. Louis Encephalitis is under investigation in Danville, Kentucky. (See MMWR, Vol. 13, p. 315). Most of the cases have occurred during the past 4 weeks in the urban area.

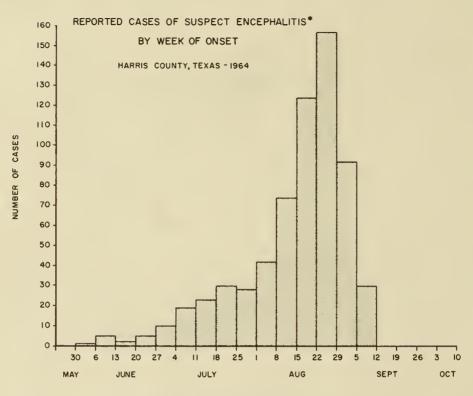
Twenty-five suspect cases of encephalitis are also being studied in Colorado. There is serological evidence of both Western Encephalitis and St. Louis Encephalitis among these cases.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

Comaractive	r cocars include	revised and de	rayed reports t	nrough previous	wcck3)	
	37th We	ek Ended		Weeks		
Disease	September 12,	September 14,	Median			Median
	1964	1963	1959 - 1963	1964	1963	1959 - 1963
Aseptic meningitis	51	57		1,330	1,162	
Brucellosis		7	9	309	267	439
Diphtheria		9	12	181	169	389
Encephalitis, primary infectious	115	29		2,139) , ,,,,	
Encephalitis, post-infectious	1	29		682	1,118	
United to the total and the last to the la		· ′			, '	
Hepatitis, infectious including	671	700	700	07.400		
serum hepatitis		738	738	27,682	31,134	31,134
Measles		826	826	434,263	358,495	387,062
Meningococcal infections		27	29	1,984	1,772	1,596
Poliomyelitis, Total		17	98	80	266	780
Paralytic		16	63	64	229	517
Nonparalytic		1		10	26	
Unspecified	2	-		6	11	
Streptococcal Sore Throat and						
Scarlet fever	4,007	3,593		295,309	251,336	
Tetanus		8		199	180	
Tularemia		5		238	202	
Typhoid fever		26	24	291	364	553
., p		20	24	271	304	333
Rabies in Animals	105	72	53	3,349	2,753	2,753

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	3	Psittacosis: Ill-1, Calif-1	32
Botulism:	11	Rabies in Man:	- 1
Leptospirosis: N.Y. Upstate - 1	31	Smallpox:	-
Malaria: N.Y. Upstate-2, Penn-1, Okla-1, Calif-1	66	Typhus-	1
Plague:	-	Murine:	19
		Rky Mt. Spotted: Penn-1, Ill-1, Md-2, Tenn-1, Va-2,	187



*642 CASES WITH KNOWN DATE OF ONSET

ENCEPHALITIS - TEXAS

Harris County

Through September 12, a total of 668 suspected cases of St. Louis Encephalitis, including 31 deaths, has been reported from Harris County (Houston), Texas. (See previous reports, MMWR, Vol. 13, pp. 290, 302, and 312).

A revised epidemic curve for the 642 cases with known date of onset is shown above. Since the peak incidence during the week ended August 29, there has been a progressive fall-off in the number of cases reported.

The overall attack rate is 53.7 per 100,000. The highest attack rate has occurred in the age group 70 years

and older (159.3 per 100,000).

With the exception of 2 deaths in the 30-39 year age group, all of the deaths have occurred in those over 50 years of age. A tabulation of total cases by age, deaths and cases per 100,000 are presented in the table below. (Reported by Charles A. Pigford, M.D., Director of Public Health, Houston, Van C. Tipton, M.D., Director, Communicable Disease Division, Texas State Department of Health, and a team from the Communicable Disease Center.)

REPORTED CASES AND DEATHS OF VIRAL ENCEPHALITIS, HARRIS COUNTY, TEXAS - 1964

AGE	TOTAL CASES	DEATHS	CASES/100,000*
0-9	107	0	35.0
10-19	97	0	48.4
20-29	122	0	73.3
30-39	84	2	42,5
40-49	62	0	39.4
50-59	66	7	58.7
60-69	59	10	93.6
70 +	63	12	159.3
Unknown	7	0	-
TOTAL	668	31	53.7

^{*} Based on 1960 Harris County population.

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS — AUGUST 1964 - AUGUST 1963

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area August 1964 and August 1963 - Provisional Data

Reporting Area										
1964 1963 1964 1963 1964 1963	Reporting Area	Aug	gust	Cumu Jan	lative - Aug	Reporting Area	Aug	ust	Cumu Jan	lative - Aug
2		1964	1963	1964	1963		1964	1963	1964	1963
1 3 7 8 Fentucky. 3 3 3 5 5 5 5 5 5 5	NEW ENGLAND	34	43	320	303	EAST SOUTH CENTRAL	175	131	1,183	1,034
1 3 7 8 Tennessee 1 3 1 1 1 1 1 1 1 1	Maine	1	2	7	5	Kentucky	24	17	105	102
186 Mississipa 187 187 187 188 Mississipa 187 187 188 Mississipa 187 188 Mississipa 187 188 187 188 187 188 1	New Hampshire	1	n	7	00	Tennessee	35	35	293	269
250 30 187 186 Mississip 187 186 Mississip 187 186 Mississip 187 186 Mississip 187 187 187 187 187 187 187 187 187 187	Vermont	1	e	3	5	Alabama	84	97	593	452
1 3 12 11 88 MEST SOUTH 451 555 3,643 3,965 Louisiana 54 73 448 437 Oktahoma. 252 290 2,111 2,186 Texas 30 50 224 475 MOUNTAIN 86 135 750 773 Montana 14 1 44 37 Mountana 216 198 1,497 1,316 Wyoming 42 38 354 256 Colorado 49 353 354 Colorado 75 52 387 New Mexicana 8 11 95 77 Arizona 1 9 10 Californi 24 25 11 95 77 Mashingro 25 2 2 2 1 157 151 Alaska 26 649 4,698 4,182 Puerto Ri Les Colorado 27 66 44 497 447 447 Alaska 28 649 4,698 4,182 Puerto Ri Les Colorado 29 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Massachusetts	20	30	187	186	Mississippi	32	33	192	211
451 555 3,643 3,965 Louisiana Arkansas. 54 73 448 437 Louisiana Arkansas. 252 290 2,111 2,186 Texas 29 7 110 94 Oklahoma. 29 7 110 94 Oklahoma. 29 7 224 475 MOUNTAIN. 86 135 750 773 Montana 216 198 1,497 1,316 Wountana 42 38 354 256 Colorado 4 1 95 77 Arizona 7 8 11 95 77 Arizona 8 11 95 77 Arizona 8 11 35 323 Washingto 9 11 95 77 Arizona 15 2 157 Ari Hawaii 15 12 15	Rhode Island	1	n	12	11			}	1	1
451 555 3,643 3,965 Louisians 5,448 73 9,965 Louisians 5,22 290 2,111 2,186 Texas 29 7 110 3,186 Texas 29 7 110 2,186 Texas 29 7 110 2,186 Texas 29 7 110 2,186 Texas 20 86 1135 750 773 Montana Idaho 216 198 1,497 1,316 Wyoming 216 198 1,497 1,316 Wyoming 216 38 85 584 613 Woming 21	Connecticut	12	2	107	88	WEST SOUTH CENTRAL	259	192	1.744	1.855
451 555 3,643 3,965 Louisiana 54 73 448 437 Oklahoma 252 290 2,111 2,186 Texas 30 50 224 475 MoURTAIN 86 135 750 773 Montana 216 198 1,497 1,316 Wyoming 42 38 354 256 Colorado 42 38 354 256 Colorado 43 11 95 77 Arizona 9 11 95 77 Arizona 9 11 95 77 Arizona 18 11 36 46 PACIFIC 58 49 353 323 Washingto 15 1 19 10 Havail 2 2 2 4 Havail 2 2 2 4 Arizona <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>Arkansas</td> <td>19</td> <td>14</td> <td>137</td> <td>145</td>					_	Arkansas	19	14	137	145
54 73 448 437 Oklahoma. 29 7 110 94 Texas 30 50 224 475 MOUNTAIN 86 135 750 773 MOUNTAIN 10 198 1,497 1,316 Wyoming 42 38 354 256 Colorado 44 1 41 37 New Mexic 9 11 95 77 Arizona 78 85 584 613 Utah 75 52 387 287 Nevada 8 11 36 46 PACIFIC 8 11 36 46 PACIFIC 15 7 87 Oregon - 15 1 19 10 Alaska - 15 1 19 10 Alaska - 15 1 1 1 1	MIDDLE ATLANTIC	451	555	•	•	Louisiana	81	36	727	387
252 290 2,111 2,186 Texas 28 135 750 773 MOUNTAIN 216 198 1,497 1,316 Wyoming 216 198 1,497 1,316 Wyoming 217 885 8584 613 New Mexic 228 49 353 323 Washingto 22 24 25 387 Californi 24 25 387 Californi 25 3 35 323 Washingto 26 25 28 449 353 323 Washingto 27 24 25 11 19 19 Californi 28 649 4,698 4,182 Puerto Ri 29 21 447 447 20 22 22 28 20 25 28 21 14 497 4,698 4,182 Puerto Ri 21 2 11 35 440 22 22 28 23 33 27 198 203 24 107 769 665 Note: 26 599 484 74 107 796 707	Upstate New York	24	73	448	437	•	00	21	102	125
29 7 110 94 MOUNTAIN 86 135 50 224 475 MOUNTAIN 86 135 750 773 Montana 216 198 1,497 1,316 Wyoming 4 1 1 495 1,316 Wyoming 58 85 884 613 New Mexic 9 111 95 77 Arizona 58 49 353 323 Washingto 58 49 353 323 Washingto 58 49 353 323 Washingto 50 24 25 157 151 Alaska 51 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	New York City	252	290	2,111	•	Texas	151	118	1 031	
30 50 224 475 MOUNTAIN 86 135 750 773 Montana 216 198 1,497 1,316 Wyoming 42 38 354 256 Colorado 4 11 95 77 Arizona 58 49 353 323 Washingto 58 649 4,698 4,182 Puerto Ri 56 649 4,698 4,182 Puerto Ri 57 7 8 35 32 340 58 440 74 65 599 4447 59 707 707 706	Pa. (Excl. Phila.)	29	7	110			1	9	1001	•
See 135 750 773 Montana.	Philadelphia	30	20	224	475	MOUNTAIN	78	7,0	25.2	327.
216 198 1,497 1,316 Wyoming 42 38 354 256 Colorado. 4 1 41 37 New Mexic 9 11 95 77 Arizona 78 85 52 387 0tah 75 52 387 0tah 8 11 36 49 353 323 Washingto 5 3 3 32 Colorado 12 11 36 74 Hawaii 5 3 3 27 198 203 440 4 56 41 497 447 7 65 599 484 7 7 65 605 Note: 116 74 769 605 Note: 155 213 1,401 1,235	New Jersey	86	135	750	773	Montana	. ~		200	177
216 198 1,497 1,316 Wyoming 42 38 354 256 Colorado 4 1 41 37 New Mexic 58 85 584 613 Utah 75 52 387 287 Nevada 8 11 36 46 PACIFIC 58 49 353 323 Washingto 1 19 19 Californi 5 3 33 21 Alaska 4 Hawaii 5 3 33 21 Alaska 24 25 157 151 Alaska 25 2 21 36 440 353 440 353 440 45 414 497 447 477 465 605 Note: 116 74 65 599 484 74 65 599 484 77 796 707 155 213 1,401 1,235						Idaho) 1	-	2 ~	7
42 38 354 256 Colorado. 4 1 1 41 37 New Mexic 9 111 95 77 Arizona. 78 85 584 613 Utah 75 52 387 287 New Gexic 36 49 353 323 Washingto - 1 1 19 19 Californi - 24 25 157 151 Alaska 4 Hawaii 5 3 33 21 Alaska 2 2 21 36 440 2 56 44 4,698 4,182 Pherto Ri 15 6 6 60 400 2 2 2 2 2 2 2 3 3 33 27 198 203 - 2 2 2 2 2 8 440 45 440 477 447 477 465 599 484 74 65 599 484 74 107 796 707 1155 213 1,401 1,235	EAST NORTH CENTRAL	216	198	1,497		Wyoming	'	, ,) 1	0
4 1 41 37 New Mexic 9 11 95 77 Arizona. 78 85 584 613 Utah 75 52 387 287 Nevada 8 11 36 46 PACIFIC 58 49 353 323 Washingto - 1 19 19 Californi - - 4 Hawaii 5 3 33 21 Hawaii 5 3 33 21 Hawaii 5 3 3 21 Hawaii 5 3 2 4 Hawaii 5 2 2 2 4 Hawaii 5 2 2 2 4 Hawaii 5 4 4,698 4,182 Virgin Is 6 6 4,698 4,182 Virgin Is 7 </td <td>Ohio</td> <td>42</td> <td>38</td> <td>354</td> <td></td> <td>Colorado</td> <td>,</td> <td>1 ~</td> <td>71</td> <td>96</td>	Ohio	42	38	354		Colorado	,	1 ~	71	96
9 11 95 77 Arizona 78 85 584 613 Utah 75 52 387 287 Nevada 8 11 36 46 PACIFIC 58 49 353 323 Washingto 15 7 87 53 Oregon 24 25 157 151 Alaska 5 3 33 21 Hawaii 5 3 33 21 Alaska 6 649 4,698 4,182 Pherto Ri 7 45 114 353 440 8 60 33 Virgin Is 15 6 4,698 4,182 Pherto Ri 15 6 4,698 4,182 Pherto Ri 16 45 4,698 4,182 Pherto Ri 16 45 40 440 25 25 28 16 74 65 60 16 7	Indiana	4		41	37	New Mexico	13		17.1	0 7 0
78 85 584 613 Utah 75 52 387 287 Nevada 8 11 36 46 PACIFIC 58 49 353 323 Washingto 15 7 87 53 Oregon 1 19 19 19 Californi 24 25 157 151 Alaska 5 3 33 21 Alaska 5 649 4,698 4,182 Pherto Ri 45 114 353 440 - 2 2 21 38 33 17ERRITORIE 45 114 497 447 - 2 2 25 28 - 2 2 28 - 2 2 28 - 3 3 27 198 203 - 2 2 28 - 4 74 65 599 484 - 74 65 599 484 - 74 107 796 707 - 155 213 1,401 1,235	Downstate Illinois	6	11	95	77		1 1) L	141	00
75 52 387 287 Nevada 8	Chicago	78	85	284	613	•	7	7 -	132	141
58 49 353 323 Washingto 15 7 87 53 Oregon 24 25 157 151 Alaska 2 2 2 2 4 4 698 4,182 Puerto Ri 15 6 649 4,698 4,182 Puerto Ri 2 5 3 353 0. S. TOTA 3 3 27 198 203 16 65 649 647 47 65 599 484 74 65 599 484 74 107 796 707 155 213 1,401 1,235	Michigan	7.5	52	387	287	Notice of the second se	1 (⊣ ι	χ (13
58 49 353 323 Washingto 15 7 87 53 Oregon 24 25 157 151 Alaska 5 3 33 21 Californi 12 11 36 39 U. S. TOTA 2 2 21 36 44,698 4,182 Puerto Ri 15 6 649 4,698 4,182 Puerto Ri 15 6 41 497 447 33 27 198 203 - 2 25 28 116 74 769 605 Note: 116 74 769 605 117 796 707 1185 213 1,401 1,235	Wisconsin	000	17.	36	707	Mevada	ກ	<u>م</u>	70	43
58 49 353 323 Washingto 15 7 87 53 Oregon 24 25 157 151 Alaska 24 25 33 33 34 Alaska 25 3 33 21 Alaska 2 2 2 2 2 1 36 39 U. S. TOTA 3 3 27 198 203 4 44 497 447 5 6 605 Note: 116 74 65 599 484 774 107 796 707 1155 213 1,401 1,235		o	11	2	0					
15 49 353 323 Washingto 1	Transfer to the contract the co	(:			PACIFIC	161	168	1,484	1,454
15 7 87 53 Oregon 24 25 157 151 Alaska 4 Hawaii 2 3 33 21 Hawaii 2 2 21 36 39 U. S. TOTA 2 2 21 35 440 2 56 44 497 447 3 3 27 198 203 - 2 2 25 28 116 74 769 605 Note: 116 74 65 599 484 107 796 707 1155 213 1,401 1,235	WEST NORTH CENTRAL	28	64	353	323	Washington	7	6	20	83
24 25 157 151 Alaska 4 Hawaii 5 3 33 32 21 Hawaii 12 11 36 89 4,182 TERRITORIE 5 56 649 4,698 4,182 Pherto Ri 6 60 33 440 2 2 2 28 Virgin Is 7 4 65 599 484 7 7 66 655 Note: 7 7 107 796 707 1155 213 1,401 1,235	Minnesota	15	7	87	53	Oregon	7	6	97	41
24 25 157 151 Alaska 4 Hawaii 5 3 33 3 21 2 2 2 2 39 TERRITORIE 2 5 6 44,698 4,182 Puerto Ri 6 669 44,698 44,182 440 2 56 41 497 447 2 25 28 116 74 769 605 116 74 769 605 117 796 707 1155 213 1,401 1,235	Iowa	ı	1	19	19	•	145	149	c	
4 Hawaii 5 3 3 3 21 36 39 U. S. TOTA 2 21 36 39 U. S. TOTA 36 649 4,698 4,182 Puerto Ri 6 60 33 440 45 114 353 440 47 447 47 497 447 484 56 41 497 447 47 65 599 484 74 65 599 484 74 107 796 707 1155 213 1,401 1,235	Missouri	24	25	157	151		-	7+1	•	1,012
568 649 4,698 4,182 FURRITORIE 660 33 21 114 353 440 447 447 447 447 447 447 116 74 769 605 605 774 769 605 707 796 775 796 707 796 70	North Dakota	ı	1	,	7	Hawaii	٦.	· -	0 5) r
12 11 36 39 U. S. TOTA 2 2 21 36 TERRITORIE 15 6 649 4,698 4,182 Puerto Ri 15 6 60 33 Virgin Is 45 114 353 440 a. 56 41 497 447 a. 56 41 497 447 a. 56 59 605 116 74 769 605 74 65 599 484 77 796 707 155 213 1,401 1,235	South Dakota	5	m	33	21		-1	1	71	CI
2 2 2 1 36 TERRITORIE Pherto Ri	Nebraska	12	11	36	39	S. TOTAL	1 956	2 025		17, 756
568 649 4,698 4,182 Puerto Ri 15 6 60 33 Virgin Is 45 114 353 440 47 447 47 447 47 198 203 - 2 25 28 116 74 769 605 Note: 74 65 599 484 107 796 707 115 213 1,401 1,235	Kansas	2	2	21	36			7776	91	77.
368 649 4,698 4,182 Puerto Ri 15 6 60 33 Virgin Is 45 114 353 440 47 447 47 447 33 27 198 203 - 2 25 28 Note: 116 74 769 605 74 65 599 484 77 107 796 707 155 213 1,401 1,235						TERRITORIES	87	09	569	512
15 6 60 33 Virgin Is 45 114 353 440 56 41 497 447 33 27 198 203 - 2 25 28 116 74 769 605 74 65 599 484 74 107 796 707 155 213 1,401 1,235	SOUTH ATLANTIC	568	649		4.182	Rico	87	58	549	667
. 45 114 353 440 56 41 497 447 33 27 198 203 - 2 25 28 116 74 65 599 484 74 107 796 707 155 213 1,401 1,235	Delaware	15	9	١.	33		1	2	20	13
lumbia 56 41 497 447 33 27 198 203 - 2 25 28 116 74 769 605 74 65 599 484 74 107 796 707 155 213 1,401 1,235	Maryland	45	114	353	440					
33 27 198 203 - 2 25 28 28 28 74 769 605 74 65 599 484 74 107 796 707 75 107 796 707	District of Columbia	56	41	497	447					
116 74 769 605 Note: 774 599 484 707 796 707 707 707 707 707 707 707 707 707 70	Virginia	33	27	198	203					
116 74 769 605 Note: 74 65 599 484 74 107 796 707 155 213 1,401 1,235	West Virginia	1	2	25	28					
74 65 599 484 74 107 796 707 155 213 1,401 1,235	North Carolina	116	74	769	605		s include	revised a	nd delave	d renorts
	South Carolina	74	65	566	787		months.) 1 1 1 1
. 155 213 1,401 1	Georgia	74	107	962	707					
	Florida	155	213	1.401	1.235					
					-1					

Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

SEPTEMBER 12, 1964 AND SEPTEMBER 14, 1963 (37TH WEEK)

							, 2,05 (5					
	A 0 =	atic.	Encep	halitis								
	Ase _l Menii	ngitis	Primary	Post-Inf.	Pol:	iomyelitis	, Total C	ases	Pol	liomyeliti	is, Paraly	ytic
Area							Cumu	lative			Cumu	lative
	1964	1963	1964	1964	1964	1963	1964	1963	1964	1963	1964	1963
UNITED STATES	51	57	115	1	4	17	80	266	2	16	64	229
NEW ENGLAND	3	4	2	-	1	_	2	4	1	_	2	4
Maine New Hampshire	1	-	-	-	-	-	-	1	-	-	_	1
Vermont	1 -	2	_	_	-		-	1	_	_	-	1
Massachusetts	-	_	1	-	-	-	-	2	_		_	2
Rhode Island Connecticut	2	2 -	1 -	-	1	-	- 2	-	- 1	-	-	-
	6	9	12	_			1	1		-	2	
MIDDLE ATLANTIC New York City	3	2	2	_	_	5 -	12 1	89	_	4 -	11	70
New York, Up-State.	-	7	-	-	-	-	9	7	-	-	8	5
New Jersey	1	-	8	-	-	-	2	1	-	-	2	1
Pennsylvania	2	-	2	-	-	5	-	81	-	4	-	64
EAST NORTH CENTRAL	8	5	6	-	2	3	15	34	-	3	11	26
Ohio	4	1 -	4	_	2	_	2 4	8 2	_	_	2 2	4
Illinois	ī	2	1	-	-	-	4	12	_	_	4	11
Michigan	2	2	-	-	-	3	3	8	-	3	2	8
Wisconsin	-	-	-	-	-	-	2	4	-	-	1	2
WEST NORTH CENTRAL	2	6	22	-	1	-	6	5	1	-	5	4
Minnesota	2 -	6 -	1 -	_	1	-	2	3	1 -	_	2	3
Missouri	_	-	_	_	-	_	3	_			2	-
North Dakota	-	-	1	-	-	-	-	1	-	-	-	-
South Dakota Nebraska	_	_	_	-	_	-	_	1	-	_	-	-
Kansas	_	-	20	-	-		1	-	_	-	1	1 -
SOUTH ATLANTIC	1	3	-	-	-	4	23	35	_	4	18	32
Delaware	-	-	-	-	-	-	-	1	-	-	-	1
Maryland Dist. of Columbia	1 -	_	_	_	-	_	1 -	_	_	_	1 -	-
Virginia	_	1	_	-	_	2	_	4		2	_	3
West Virginia	-	1	-	-	-	-	1	2	-	-	1	2
North Carolina South Carolina		_	_	-	-	1	9 2	3 6	_	- 1	5 2	3 5
Georgia	_	_	_	_		1	1	12	_	1	1	11
Florida	-	1	-	-	-	-	9	7	-	-	8	7
EAST SOUTH CENTRAL	4	10	3	-	-	4	5	55	-	4	4	53
Kentucky Tennessee		1 2	2	_	-	-	-	-	-	-	-	-
Alabama	4	_	1 -	_	-	2	3 2	9 41	_	- 2	2 2	9 3 9
Mississippi	-	7	-	-	-	2	=	5	-	2	-	5
WEST SOUTH CENTRAL	3	1	55	-	-	1	7	23	-	1	6	22
Arkansas Louisiana	- 2	-	-	-	-	-	-	4	-	-	-	3
Oklahoma	1	-	2	_	-	_	2	13	_	-	2	13
Texas	=	1	53	-	-	1	5	6	-	1	4	6
MOUNTAlN	3		9	-	-	-	7	2	-	-	4	1
Montana	-	-	-	-	-	-	1	-	-	-	1	-
ldaho	-	_	_	_	-	-	2	1 -	-		- 2	1
Colorado	2	-	6	-	-	-	1	-	_	-	1	_
New Mexico	-	-	-	-	-	-	3	1	-	-		-
Arizona Utah	1	-	2	_	-	_	_	_	_	-	_	_
Nevada	-	-	-	-	_	_	-	=	-	=		=
PAC1F1C	21	19	6	1	-	-	3	19	-	-	3	17
Washington	2	3	1	-	-	-	-	2	-	-	-	2
Oregon	- 19	1 15	- 5	- 1	_	_	1 2	2 15	_	_	1 2	1 14
Alaska	-	-	-	-			-	-	-		-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	
Puerto Rico	-	-	-	-	-	1	-	5	-	-	-	4

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

SEPTEMBER 12, 1964 AND SEPTEMBER 14, 1963 (37TH WEEK) - CONTINUED

	Bruce	llosis	Dipht	heria			Infectiou luding Se				Typhoi	d Fever
Area		Cum.		Cum.	Total	Under 20 years	20 years and over		Cumu 1	ative		Cum.
	1964	1964	1964	1964	1964	1964	1964	1964	1964	1963	1964	1964
UNITED STATES	8	309	2	181	571	237	295	39	27,682	31,134	8	291
NEW ENGLAND	-	2	_	44	38	19	15	4	2,578	3,389	_	13
Maine	-	-	-	39	11	7	3	i	825	1,544	_	-
New Hampshire Vermont	-	_	-	-	4	1	3	-	202	345	-	-
Massachusetts	_	2		- 5	6 8	3 4	- 4	3 -	323 554	63 933	-	-
Rhode Island	-	-	-	-	3	2	1	_	137	78	_	6
Connecticut	-	-	-	-	6	2	4	-	537	426	-	1
MIDDLE ATLANTIC	_	5	_	7	104	38	66	_	6 151	(101	-	
New York City	-		-	3	21	3	18	_	6,151	6,131 954	5 5	46 21
New York, Up-State.	-	2	-	- 1	32	12	20	-	2,697	2,670	-	9
New Jersey Pennsylvania	-	-	-	2	17	4	13	-	1,067	907	-	1
remisylvania	-	3	-	2	34	19	15	-	1,444	1,600	-	15
EAST NORTH CENTRAL	4	45	-	8	92	39	45	8	4,346	5,037	_	65
Ohio	1	3	-	-	27	14	8	5	1,144	1,405	_	20
Indiana	-	1	-	1	17	8	8	1	378	450	-	16
Michigan	_	26 6		6 1	39	15	4 24	-	788	1,084	-	17
Wisconsin	3	9	-	-	5	2	1	2	1,723	1,871 227	-	9
WEST NORTH CENTRAL	_											,
Minnesota	1	132 7	-	26 11	36	15	18	3	1,496	1,391	-	27
Iowa	_	83	[- 11	10	2 5	2 5	-	166 222	214 253	-	3
Missouri	-	10	-	1	4	2	2	_	367	504	_	4 10
North Dakota	-	2	-	2	2	1	1	-	57	46	-	2
South Dakota Nebraska	1	15 13	-	1	-	-	-	-	116	98	-	1
Kansas	-	2	_	4 7	3 13	- 5	- 8	3	42 526	95	-	3
							U	_	320	181	-	4
SOUTH ATLANTIC	2	30	-	41	41	21	18	2	2,597	3,176	1	63
Delaware		_	-	-	1 10	5	1 5	-	49 493	57	-	-
Dist. of Columbia	-	-	-	-	1	1	-	_	443	386 88	1	5
Virginia	1	14	-	-	11	3	6	2	407	654	-	11
West Virginia North Carolina	-	- 3	-	-	4	1	3	-	385	497	-	-
South Carolina	1	-	-	7	4 1	4	-	-	446 95	800 133	-	18
Georgia	1	10	-	21	2	- 1	2	_	72	133	-	11 4
Florida	-	3	-	13	7	6	1	-	606	428	- 1	14
EAST SOUTH CENTRAL	-	15	1	11	43	20	23	_	1,912	2,986	_	27
Kentucky	-	4	-	-	6	2	4	_	716	848	-	7
Tennessee	-	5	-	1	8	5	3	-	656	1,159	-	13
Alabama	-	4 2	1 -	7 3	17 12	7 6	10	-	350	477	- 1	5
Partition				,	12	0	6	-	190	502	-	2
WEST SOUTH CENTRAL	-	34	1	28	60	35	24	1	2,138	2,233	1	22
Arkansas	_	6 4	1	-	1	- 11	· 1	-	210	255	1	12
Oklahoma	-	6	-	6	19	11	8 -	-	503 101	104	-	3
Texas	-	18	-	22	40	24	15	1	1,324	1,430	-]	3
MOUNTAIN	1	28		2	10	10		6.5				
MOUNTAIN Montana	-	28		2	40 4	12 2	7	21	1,675	2,002	1	8
Idaho	-	-	-	-	12	-	-	12	224	258 326	-	-
Wyoming	-	-	-	-	2	1	1	-	52	25	-	1
Colorado New Mexico		1	-	- 1	3	- 7	-,	3	444	409	-	
Arizona		2	_	1	11 5	7	4 -	- 5	245 373	237 465	- 1	2 5
Utah	1	24	-	-	3	2	1	-	140	265	-	5
Nevada	-	1	-	-	-	-	-	-	50	17	-	-
PACIFIC		18	_	14	117	20	70		4 700	/ 700		
Washington		-	_	13	117	38 2	79 10	_	4,789 506	4,789 843	-	20 2
Oregon	-	2	-	-	11	4	7	-	524	581	-	-
California	-	16	-	1	80	24	56	-	3,494	3,208	-	18
Alaska Hawaii	-	-	-	-	14	8	6	-	167	124	-	-
									98	33	-	
Puerto Rico	_	_	_	9	21	15	6	_	672			

Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED
SEPTEMBER 12, 1964 AND SEPTEMBER 14, 1963 (37TH WEEK) - CONTINUED

	Measles		ningococc eningitis	al	Sore Th	ococcal roat and t Fever	Tet	anus	Tula	remia		es in mals
Area			Cumu1	ative				Cum.		Cum.		Cum.
	1964	1964	1964	1963	1964	1963	1964	1964	1964	1964	1964	1964
UNITED STATES	425	26	1,984	1,772	4,007	3,593	6	199	3	238	105	3,349
NEW ENGLAND	47	-	55	110	313	206	-	8	-	1	1	30
Maine New Hampshire	12		5 1	17 4	22	59 7	-		_	_	1	25
Vermont	1	_	i	4	-			_	_		-	2
Massachusetts	20	-	22	52	9	11	-	8	-	1	-	1
Rhode Island Connecticut	5 9	-	9 17	10 23	16 263	12 117	-	-	-	-	-	-
MIDDLE ATLANTIC	36	_	256	246	72	128	-	19	_	_	3	96
New York City	15	-	35	3 9	1	5	-	-	-	-	-	-
New York, Up-State.	11	-	71	77	62	100	-	7	-	-	3	92
New Jersey	6 4	_	88 62	34 96	7	8 15	_	6		-	_	4
Pennsylvania	4	_	02	96	i '	15	_	0	_	_	_	1 4
EAST NORTH CENTRAL	78	6	278	273	239	203	3	36	-	20	37	484
Ohio	8	1	71	76	17 81	12 44	1 2	10	_	1 2	33	262
IndianaIllinois	11 5	3	43 71	35 52	33	44	_	12	_	13	_	22 91
Michigan	14	2	64	83	57	86	-	6	-	1	1	46
Wisconsin	40	-	29	27	51	17	-	1	-	3	3	63
WEST NORTH CENTRAL	16	1	122	113	198	143	-	9	1	50	13	1,043
Minnesota	-	1	29	22	2	6	-	1	-	2	2	316
Iowa Missouri	6 2		6 56	6 33	21 10	26 7		3		1 24	5 2	376 160
North Dakota	8	-	16	12	115	55	-	-	_	-	-	54
South Dakota	-	-	1	5	3	5	-	1	1	15	1	77
Nebraska	-	-	6	24		-	-	-	-	-	-	31
Kansas	NN	-	8	11	47	44	-	1	-	8	3	29
SOUTH ATLANTIC	30	3	404	326	399	345	1	54	-	21	13	455
Delaware	_	-	6 26	4 49	22	6 2	-	3		-	_	1
Dist. of Columbia	-	1	13	6	-	1	-	i	_	1	-	
Virginia	1	-	46	73	109	106	1	7	-	4	6	240
West Virginia North Carolina	22	-	31	16	220	144	-	1	-	- 5	-	26
South Carolina	3	_	69 50	55 17	9	5 14	-	13 4		-		5 2
Georgia	- 1	1	61	26	2	-	_	4	-	11	1	100
Florida	4	1	102	80	35	67	-	21	-	-	6	81
EAST SOUTH CENTRAL	42	2	167	133	1,033	946	-	25	1	27	25	411
Kentucky	9 24	1	53 55	29 59	161	72	-	7 10	1	1 18	7	54 323
Alabama	8	-	35	23	718 96	857 7	_	5		3	í	17
Mississippi	1	-	24	22	58	10	-	3	-	5	17	17
WEST SOUTH CENTRAL	67	-	173	164	479	442	2	23	1	78	4	473
Arkansas	-	-	20	11	-	-	-	7	-	43	2	118
LouisianaOklahoma	-	_	114 8	67 29	1 26	1 10	-	3	1	4 19	_	42 81
Texas	67	_	31	57	452	431	2	13	_	12	2	232
MOUNTAIN	32	3	69	59	758	714	-	5	-	38	2	117
Montana	11	-	-	3	14	35	-	-	-	18	-	-
Idaho	5	-	3	6	60	48	-	-	-	- 7	-	-
Colorado	9	1	5 12	4 16	10 308	2 136	-	2	-	7 -		8
New Mexico	-	1	28	4	241	327	-	1	_	-	-	47
Arizona	3	1	6	9	63	69	-	1			1	51
Utah Nevada	4	-	7 8	14 3	62	9 7	_	1 -	-	13	- 1	1 10
PACIFIC	77	11	460	348	516	466	_	20	_	3	7	240
Washington	25	-	30	28	87	65	-	1	-	-	_	-
Oregon	11	-	21	25	8	1	-	-	-	1	-	8
California	30	11	390 7	275	356	352		18	-	2	7	232
Alaska	6 5	-	12	12 8	21 44	6 42		1	_	-	_	-
	-											

Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.) $^{\circ}$

Area		For weel	s ending		Area		For week	s ending	
	8/22	8/29	9/5	9/12		8/22	8/29	9/5	9/12
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass	252	217	253	223	Atlanta, Ga	105	124	124	117
Bridgeport, Conn	29	30	33	28	Baltimore, Md	245	271	284	242
Cambridge, Mass Fall River, Mass	21 41	24 26	18 25	33	Charlotte, N.C.	36	37 50	58 82	31 35
Hartford, Conn	44	59	49	46	Jacksonville, Fla Miami, Fla	71	83	89	71*
Lowell, Mass	17	39	27	22	Norfolk, Va.	38	47	61	33
Lynn, Mass	24	25	31	18	Richmond, Va	77	78	75	66
New Bedford, Mass	24	27	27	17	Savannah, Ga	33	29	19	32
New Haven, Conn	42	38	41	56	St. Petersburg, Fla	64	64	66	63
Providence, R.I	40 12	54	58	67	Tampa, Fla	65 180	75 208	71 206	76 171
Somerville, Mass Springfield, Mass	46	47	49	60	Washington, D.C	38	46	34	48
Waterbury, Conn	20	34	23	31	William Geom, Bell.		"		1.0
Worcester, Mass	53	50	70	63	EAST SOUTH CENTRAL:				
					Birmingham, Ala	89	104	107	72
MIDDLE ATLANTIC:	50	22	20	7,	Chattanooga, Tenn	57	28	54	49
Allantar Da	58 35	33 45	30 36	74 37	Knoxville, Tenn	34 81	32	46	32
Allentown, Pa Buffalo, N.Y	126	118	131	146	Louisville, Ky	118	118	110 113	75 117
Camden, N.J.	34	50	40	34	Mobile, Ala.	54	38	70	35
Elizabeth, N.J	28	29	26	26	Montgomery, Ala	32	33	42	28
Erie, Pa	39	38	35	32	Nashville, Tenn	88	79	95	75
Jersey City, N.J	54	73	70	73					
Newark, N.J.	95	1 67	137	85 1,508	WEST SOUTH CENTRAL:	2.2	2.1	10	2.7
New York City, N.Y	1,527 20	1,618	1,603	42	Austin, Tex	32 14	31 29	40 38	31 38
Paterson, N.J	573	554	497	389	Baton Rouge, La	34	34	22	22
Pittsburgh, Pa	141	151	164	190	Dallas, Tex	123	128	150	129
Reading, Pa	32	34	52	49	El Paso, Tex	34	22	20	34
Rochester, N.Y	83	76	121	95	Fort Worth, Tex	79	80	63	90
Schenectady, N.Y	25	17	28	30	Houston, Tex	177	194	187	177
Scranton, Pa	31 61	33 54	27 43	51 51	Little Rock, Ark	64 191	183	50 192	43 176
Syracuse, N.Y	40	48	40	41	New Orleans, La Oklahoma City, Okla	58	68	76	71
Utica, N.Y.	25	30	26	28	San Antonio, Tex	94	91	85	109
Yonkers, N.Y	38	26	27	32	Shreveport, La	39	51	57	44
					Tulsa, Okla	60	36	64	52
EAST NORTH CENTRAL:	10	.,		,,,					
Akron, Ohio	46 36	54 40	58 26	45 44	MOUNTAIN:	33	35	30	26
Canton, Ohio	656	702	715	726	Albuquerque, N. Mex Colorado Springs, Colo	33 20	19	16	14
Cincinnati, Ohio	144	178	150	155	Denver, Colo	93	95	146	101
Cleveland, Ohio	152	175	208	167	Ogden, Utah	8	19	16	14
Columbus, Ohio	120	119	96	106	Phoenix, Ariz	70	74	70	94
Dayton, Ohio	84	74	82	79	Pueblo, Colo	21	18	17	14
Detroit, Mich	328 43	327 48	366	334	Salt Lake City, Utah	42	60	43	46
Evansville, Ind	25	34	42 67	19 36	Tucson, Ariz	45	38	41	44
Fort Wayne, Ind	37	39	42	28	PACIFIC:				
Gary, Ind.	24	38	12	26	Berkeley, Calif	14	15	18	14
Grand Rapids, Mich	47	36	43	49	Fresno, Calif	45	33	49	39
Indianapolis, Ind	145	136	128	143	Glendale, Calif	30	28	27	29
Madison, Wis	46 106	26 120	39 109	68 108	Honolulu, Hawaii	51	43	44	44
Milwaukee, Wis	24	27	14	34	Long Beach, Calif.	56 435	67 429	65 502	64 335
Rockford, Ill.	29	33	30	29	Los Angeles, Calif Oakland, Calif	75	82	75	67
South Bend, Ind	22	39	31	28	Pasadena, Calif	26	37	34	30
Toledo, Ohio	88	86	84	89	Portland, Oreg	54	139	95	99
Youngstown, Ohio	53	52	61	59	Sacramento, Calif	52	58	55	48*
THE CHE MODERN OF STREET					San Diego, Calif	192	90	94	70
WEST NORTH CENTRAL: Des Moines, Iowa	65	56	53	47	San Francisco, Calif	183 2 7	191 39	162 29	142 32
Duluth, Minn.	22	24	25	29	San Jose, Calif	124	127	125	127
Kansas City, Kans	35	52	50	27	Seattle, Wash	43	60	44	49
Kansas City, Mo	120	109	120	108	Tacoma, Wash	36	34	37	38
Lincoln, Nebr	27	28	26	25					
Minneapolis, Minn	100	103	112	125					
Omaha, Nebr.	69 214	253	75 212	62					
St. Louis, Mo	58	253 71	53	205 45	^O Current Week Mortality for	108 501	octed Cir	iec	
Wichita, Kans	39	46	50	41	Current week mortality for	100 Sel	ected til	162	
,					//A) Manal Manalian all and			10.00	

^{*}Estimate - based on average percent of divisional total. Totals for previous weeks include reported corrections.

OF FLORIDA

UNIVERSITY

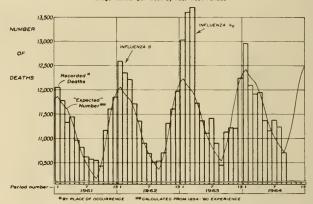
Morbidity and Mortality Weekly Report

TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending September 12 was 10,709 as compared with an expected weekly average of 10,737.

		Week I	Ending		4 Week	Weekly
	8/22	8/29	9/5	9/12		Average
Observed	10,431	10,900	11,199	10,305	42,835	10,709
Expected	10,712	10,710	10,737	10,790	42,949	10,737
Excess	-281	190	462	-485	-114	-28

TOTAL DEATHS RECORDED IN 108 U.S. CITIES Average Number per Week by Four-Week Periods



(See Table, page 327)

INTERNATIONAL NOTES - QUARANTINE MEASURES

Immunization Information for International Travel
1963-64 edition Public Health Service Publication No. 384
SECTION 5

Kenya, page 27, Insert:

Under smallpox add - "travelers leaving Kenya are advised to possess a certificate."

Under yellow fever delete previous information and insert the following: "Yellow fever vaccination is required for all arrivals from infected areas, 1 year of age and over. Travelers leaving Kenya are required to possess a certificate for entry to Burma, Cape Verde Islands, Ceylon, Greece, India, Iraq, Lebanon, Libya, Madeira and Azores, Malaysia (except Sabah and Sarawak), Malta, Muscat and Oman, Mozambique, Nauru Island, Pakistan, Papua-New Guinea, Portuguese Guinea, Portuguese Timor, Sao Tome and Principe, Saudi Arabia, South Africa, South West Africa, United Arab Republic." All other information remains the same.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 12,000 IS PUBLISHED BY THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING DUTBREAKS OR CASES, SUCH ACCOUNTS SHOULD BE ADDRESSED TO:

THE EDITOR

MORBIDITY AND MORTALITY WEEKLY REPORT

COMMUNICABLE DISEASE CENTER

ATLANTA, GEORGIA 30333

NOTES: THESE PROVISIONAL DATA ARE BASED ON WEEKLY TELE-GRAMS TO THE COMMUNICABLE DISEASE CENTER BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS.

SYMBOLS: - - - DATA NOT AVAILABLE
- QUANTITY ZERD

PROCEDURES FOR CONSTRUCTION OF VARIOUS MORTALITY CURVES MAY BE OBTAINED FROM STATISTICS SECTION, COMMUNICABLE DISEASE CENTER, PUBLIC HEALTH SERVICE, U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, ATLANTA, GEORGIA 303

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